Please amend claims 1-2, 5, 9-10, 13, 15, 23-24, 27, and 37-38 as follows:

1. An isolated SVPH nucleic acid molecule selected from the group consisting of:

(a) the DNA sequence selected from the group consisting of [SEQ ID NO:1,] SEQ ID NO:7, SEQ ID NO:8, and SEQ ID NO:9;

(b) an isolated nucleic acid molecule encoding an amino acid sequence comprising the sequence selected from the group consisting of [SEQ ID NO:4,] SEQ ID NO:12, SEQ ID NO:13, [and] SEQ ID NO:14, amino acids 1 through 15 of SEQ ID NO:12, amino acids 16 through 188 of SEQ ID NO:12, amino acids 189 through 388 of SEQ ID NO:12, amino acids 389 through 491 of SEQ ID NO:12, amino acids 492 through 675 of SEQ ID NO:12, amino acids 676 through 698 of SEQ ID NO:12, amino acids 699 through 766 of SEQ ID NO:12, amino acids 699 through 787 of SEQ ID NO:13, and amino acids 699 through 820 of SEQ ID NO:14;

(c) an isolated nucleic acid molecule that hybridizes to either strand of a denatured, double-stranded DNA comprising the nucleic acid sequence of (a) or (b) under conditions of moderate stringency in 50% formamide and 6XSSC, at 42EC with washing conditions of 60EC, 0.5XSSC, 0.1% SDS;

(d) an isolated nucleic acid molecule derived by *in vitro* mutagenesis from [SEQ ID NO:1,] SEQ ID NO:7, SEQ ID NO:8, and SEQ ID NO:9;

(e) an isolated nucleic acid molecule degenerate from [SEQ ID NO:1,] SEQ ID NO:7, SEQ ID NO:8, and SEQ ID NO:9 as a result of the genetic code; and

(f) an isolated nucleic acid molecule selected from the group consisting of human SVPH 1 DNA; an allelic variant of human SVPH 1 DNA; and a species homolog of SVPH 1 DNA.

2. The nucleic acid molecule of claim 1 selected from the group consisting of [SEQ ID NO:1,] SEQ ID NO:7, SEQ ID NO:8, and SEQ ID NO:9.

5. An isolated polypeptide according to claim 4 having a molecular weight selected from the group consisting of approximately [4,199;] 86,983; 89,459;

claim 3.

10. A method for the production of SVPH 1 polypeptide comprising culturing a host cell of claim 9 under conditions promoting expression[, and recovering the polypeptide from the culture medium].

13. An isolated polypeptide comprising an amino acid sequence selected from the group consisting of [SEQ ID NO:4,] SEQ ID NO:12, SEQ ID NO:13, [and] SEQ ID NO:14, amino acids 1 through 15 of SEQ ID NO:12, amino acids 16 through 188 of SEQ ID NO:12, amino acids 189 through 388 of SEQ ID NO:12, amino acids 389 through 491 of SEQ ID NO:12, amino acids 492 through 675 of SEQ ID NO:12, amino acids 676 through 698 of SEQ ID NO:12, amino acids 699 through 766 of SEQ ID NO:12, amino acids 699 through 787 of SEQ ID NO:13, and amino acids 699 through 820 of SEQ ID NO:14.

15. An isolated SVPH nucleic acid molecule selected from the group consisting of:

(a) the DNA sequence selected from the group consisting of SEQ ID NO:3, SEQ ID NO:10, and SEQ ID NO:11;

(b) an isolated nucleic acid molecule encoding an amino acid sequence comprising the sequence selected from the group consisting of SEQ ID NO:6, SEQ ID NO:15, [and] SEQ ID NO:16, amino acids 1 through 27 of SEQ ID NO:15, amino acids 28 through 193 of SEQ ID NO:15, amino acids 194 through 392 of SEQ ID NO:15, amino acids 393 through 493 of SEQ ID NO:15, amino acids 494 through 685 of SEQ ID NO 15, amino acids 686 through 713 of SEQ ID NO:15, amino acids 714 through 790 of SEQ ID NO:15, and amino acids 714 through 781 of SEQ ID NO:16;

(c) an isolated nucleic acid molecule that hybridizes to either strand of a denatured, double-stranded DNA comprising the nucleic acid sequence of (a) or (b) under conditions of moderate stringency in 50% formamide and 6XSSC, at 42EC with washing conditions of 60EC, 0.5XSSC, 0.1% SDS;

(d) an isolated nucleic acid molecule derived by *in vitro* mutagenesis from SEQ ID NO:3, SEQ ID NO:10, and SEQ ID NO:11;

(e) an isolated nucleic acid molecule degenerate from SEQ ID NO:3

of human SVPH 4 DNA; an allelic variant of human SVPH 4 DNA; and a species homolog of SVPH 4 DNA

23. A host cell [transfected or transduced with] comprising the vector of claim 17.

24. A method for the production of SVPH 4 polypeptide comprising culturing a host cell of claim 23 under conditions promoting expression[, and recovering the polypeptide from the culture medium].

27. An isolated polypeptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO:6, SEQ ID NO:15, [and] SEQ ID NO:16, amino acids 1 through 27 of SEQ ID NO:15, amino acids 28 through 193 of SEQ ID NO:15, amino acids 194 through 392 of SEQ ID NO:15, amino acids 393 through 493 of SEQ ID NO:15, amino acids 494 through 685 of SEQ ID NO:15, amino acids 686 through 713 of SEQ ID NO:15, amino acids 714 through 790 of SEQ ID NO:15, and amino acids 714 through 781 of SEQ ID NO:16.

37. A host cell [transfected or transduced with] comprising the vector of claim 31.

38. A method for the production of SVPH 3 polypeptide comprising culturing a host cell of claim 37 under conditions promoting expression[, and recovering the polypeptide from the culture medium].